W	nrk	Ord	er ID	72128	ł
* * '		\mathbf{v}		12120	,



Page 1

Tuesday, July 19, 2011 12:41:29 PM Item ID: D3219-1 **Revision ID:** Plate Item Name:

Setup Start

Stop

Start



Start Date:

7/19/2011 Required Date: 7/25/2011 **Start Qty: 40.00** Req'd Qty: 40.00

Cust Item ID: Customer:

Tool ID

Reference:

Approvals:

Process Plan:

QC:

Date:/-07-/9 Tooling:

Date:

SPC (Y/N):

Set Up/

Run Hours

Accept

Date:

Tool # Plan

Code

Date:

Run

Accept

Qty

Reject

Qty

Stop

Reject

Number



Insp.

Stamp

Sequence ID/ Operation **Work Center ID** Description Draw Nbr **Revision Nbr** D3219 Rev A 100 FLOW WATER JET Waterjet Memo

1-Cut as per Dwg D3219

Dwg Rev: A Prog Rev: _ 🗻

QC2- Inspect parts off machine FAI/FAIB

0.00

0.00

B11-8-10

110

FLOW CNC Waterjet

6061.175

Memo

0.00

0.00

B11-8-14

Quality Control

120

QC8- Inspect parts - second check

Quality Control

Memo

	Johago	Liu							`
W/O:			WC	ORK ORDER CHANGI	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
-			· · · · · · · · · · · · · · · · · · ·						
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A :	_ Date: _	
	Re	esolution:	Dispositio	Disposition: QA: N/C Closed:					
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR	(1)			
DATE	STEP	Description of NC	Initial	on B Sign &	Verific		Approval	Approval	
		Section A	Chief Eng	Action Description Chief Eng	Date	Section	on C	Chief Eng	QC Inspector
						į			
				•					

Work Order ID 72128

Tuesday, July 19, 2011 12:41:29 PM



Page 2

Item ID:

D3219-1

Accept



Setup Start

Stop



Revision ID:

Item Name: Plate

Required Date: 7/25/2011

Start Date:

7/19/2011

Start Qty: 40.00

Req'd Oty: 40.00

Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Date:

Date:_____

Tooling:

SPC (Y/N):

Date: Date: Run

Start



Stop

Sequence ID/ **Work Center ID**

130

Small Fab Small Fab

Operation **Description**

Small Fab

Memo 1-Deburr if necessary. Set Up/ **Run Hours**

0.00

0.00

Tool ID

Tool # Plan Code

Accept **Qty**

Reject Reject Number

Insp. Stamp

Qty

140

Quality Control

QC5- Inspect part completeness to step on W/O

150

Packaging Packaging

Identify as per dwg & Stock Location: MA

Memo

Memo

*** STOCK IN STEP CELL***

0.00

0.00

M.11.08.16

#48 d

Dail Aci	Space	LU								7			
W/O:			WORK ORDER CHANGES										
DATE	STEP	PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
					,, ,								
Part No	:	PAR #:	PAR #: Fault Category: NCI			Yes N	o DQ	A:	Date:				
	Resolution:			on:	_ QA: N	VC Clos	sed:		Date: _	-			
NCR:			WORK ORE	DER NON-CONFORMA	NCE	(NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Sect Initial Action Description			Sign &	Verification Section C		Approval Chief Eng	Approval QC Inspector			
			Chief Eng	Chief Eng	Date				Offier Eng	QC Inspector			
:													

Work Order ID 72128

Tuesday, July 19, 2011 12:41:29 PM



Page 3

Item ID:

D3219-1

Accept

Setup

Start

Stop



Revision ID:

Item Name:

Plate **Start Date:**

Start Otv: 40.00 7/19/2011

Required Date: 7/25/2011 Req'd Oty: 40.00

Date:

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Stop

Start



Sequence ID/

Work Center ID

160

Quality Control

Operation Description

OC21- Final Inspection - Work Order Release

Memo

Set Up/ Run Hours

0.00

0.00

SPC (Y/N):

Tool ID

Date:

Tool # Plan Code

Accept Qty

Reject Qty.

Reject Number

Insp. Stamp

Dait Aci	Ospace	Elu								. 1
W/O:			W	ORK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CH	ANGE	E	Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	egory:	NCR:	Yes N	lo DQ	A :	Date: _	
	Resolution:			Disposition: QA			sed:		Date: _	
NCR:			WORK ORD	PER NON-CONFORM	ANCE (NCR)	1			
DATE	STEP	Description of NC	tion of NC Corrective Action		ction B Ver			fication Approval		Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti		Chief Eng	QC Inspector
1	1		1		j					

Picklist Print

Tuesday, July 19, 2011 12:41:36 PM

Work Order ID: 72128

Parent Item:

D3219-1

Parent Item Name: Plate



Start Date: 7/19/2011

Required Date: 7/25/2011

Page 1

Start Qty: 40.00

Required Qty: 40.00

Comments:

IPP A□04.04.19□New issue□KJ/JLM□

ESR B 06.05.25 Waterjet EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.125		Purchased	No			100	sf	147.5514	0.0964	4.058947	5,		
		J								7,	311-8-	10	

6061-T6 .125 Sheet

Location	Loc Qty	Loc Code		
MAT021	147.5513684			()
113608	77.17			(48)
116700	6.38136842			<u>v</u>
118217	64		118217	

J uit 710.	paoc									•
W/O:			W	ORK ORDER CHANGE	ES					
DATE	STEP	PRO	OCEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cat	egory:	NCR:	Yes N	lo DQ	A:	Date:	
Resolution:			Dispositi	on:	QA: N	VC Clos	sed:		Date: _	
NCR:			WORK OR	DER NON-CONFORMA	NCE (NCR)				
DATE	STEP	Description of NC	Corrective Action Sec			Sign &	Verific	ation	Approval	Approval
DAIL	JILF	Section A	Initial Action Description Chief Eng Chief Eng		ption		Secti	on C	Chief Eng	QC Inspector

DART AEROSPACE LTD	Work Order:	72128
Description: Plate	Part Number:	D3219-1
Inspection Dwg: D3219 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

		_	<u> </u>		· · · · · · · · · · · · · · · · · · ·	
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.316	+0.005/-0.000	.319	>		V 1802	
2.293	+/-0.005	2.291	5 6		V	
2.965	+/-0.010	OPP. 6	8		V	
0.566	+/-0.010	,566	75		V	
0.375	+/-0.010	,377	>			
R0.125	+/-0.010	105	K		R.G	
13.9°	+/-0.5°	13.90	2		V	
	·					
		,				

Measured by: B	Audited by:	Prototype Approval:	N/A
Date: 11-8-10	Date: Wolly	Date:	N/A

Date	Change	Revised by	Approved
04.04.19	New Issue	KJ/JLM	
07.09.06	13.9° dimension added	KJ/JLM ,	
08.04.15	0.125 dimension removed	KJ/DD 🔣	1
	04.04.19 07.09.06	04.04.19 New Issue 07.09.06 13.9° dimension added	04.04.19 New Issue KJ/JLM 07.09.06 13.9° dimension added KJ/JLM

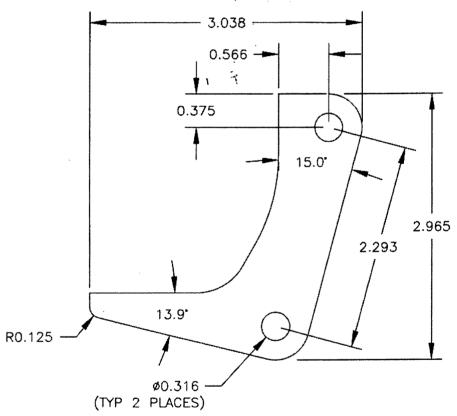
Dait Aci	ospace	Liu								
W/O:			WC	ORK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
										· ·
Part No	:	PAR #:	Fault Cate	gory:	_ NC	R: Yes	No DQ	A :	Date: _	
	Re	esolution:	Dispositio	n:	_ QA	: N/C CI	osed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORM	ANCE	(NCR	()			
DATE	STEP	Description of NC			ion B	Sign &		ation		Approval
	J.L.	Section A	Initial Chief Eng	Action Description Chief Eng		Date Sec		ection C Chief t		QC Inspector
										:
										





DESIG	in A	DRAWN BY		OSPACE LTD , ONTARIO, CANADA
CHEC	KED,	APPROVED,	DRAWING NO.	REV. A
	-#-	#	D3219	SHEET 1 OF 1
DATE		<u></u>	TITLE	SCALE
03.	03.10.10		PLATE	1:1
Α		03.10.10	NEW ISSUE	





D3219-1 PLATE

1) MACHINE PER DWG FILE "D3219-1.SLDPRT"

2) MATERIAL: 6061-T6, 0.125 THICK (QQ-A-250/11) (REF DART SPEC M6061T6S.125)

FINISH: NONE

4) BREAK ALL SHARP EDGES 0.005 TO 0.015

5) TOLERANCES ARE PËR DART QSI 018 UNLESS OTHERWISE NOTED

6) ALL DIMENSIONS ARE IN INCHES

SHOP COPY
RETURN TO
ENGINEERING
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

W11-07-19

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Dait Ac	ospace									
W/O:			W	ORK ORDER CHANG	SES					
DATE	STEP	PROCEDURE CHANGE				у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					,					
Part No:		PAR #:	Fault Cate	NCR:	NCR: Yes No DQA: Date:					
Resolution:			Dispositio	Disposition:			QA: N/C Closed: Date:			
NCR:			WORK ORD	ER NON-CONFORM	ANCE (I	VCR)				
DATE	STEP	Description of NC	Corrective Action Section			Verifi		cation Approval	Approval	Approval
	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date			Chief Eng	QC Inspector
		·								